



KAISER • HILL  
COMPANY

## MEMORANDUM

Date: May 22, 2002

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for May 22, 2002

Minutes are unclassified and  
NOT UCNI:

Attached are the minutes for the referenced weekly meeting for the Operating Record.  
In attendance were:

R. Ahlstrand	K. Kunert
J. Almon	L. Langlois
P. Arnold	R. Leitner
D. Coyne	B. Leonard
J. Floerke	W. Moe
D. Foss	D. Onyskiw
F. Gerdeman	K. Trice

In addition to the attached status, the following was discussed:

1. Action Items were reviewed from the May 15 minutes. Items 1, 2, and 3 (modified) were removed from the minutes as they were considered unnecessary to continue tracking.
2. There will not be a meeting on May 29 due to the Memorial Day holiday.
3. The meeting on June 5 will include the monthly walk-down. Meet in the B371 Lobby at 7:30 am, dressed for back area entry.
4. There are 25 B374 RCRA stable tanks requiring State approval for reduced inspections. Hindman and Ward will inspect the tanks on Wednesday, May 29 in preparation for approval.
5. The CSV has one remaining hazardous waste container in storage that will be removed on May 29. Arnold asked Hindman if, when the hazardous waste is removed, inspections could be discontinued. Hindman replied in the affirmative. A final inspection will be performed and inspections discontinued when the hazardous waste is removed.
6. Trice indicated that all tanks in Sets 3, 4, and 5 would be closed/removed by the end of September; these will be added to the weekly status. In addition, all tanks in B374 that are free of sludge will be closed/removed as soon as possible. Floerke recommended that the USQD's for these Sets be reprioritized to accommodate their removal.
7. Gerdeman asked Floerke if he had contacted Pat Buffer to pursue generating videos of certain innovative D&D activities like the Raschig Ring removal. Floerke said that he had contacted Buffer, but did not know when videos would be taken; he will find out.

ACTION ITEMS FROM THIS MEETING: (to be included in next week's agenda)

None

End



371/4 Project  
WEEKLY STATUS MEETING DOE/LRA for May 22, 2002

ADMIN RECORD

B371-A-000088

**Arnold, Pam**

**From:** Hoffman, Betty  
**Sent:** Thursday, May 30, 2002 8:20 AM  
**To:** Arnold, Pam; Nesheim, Janet; Green, Ken  
**Subject:** RE: WEEKLY DOP MINUTES - reviewed as unclassified and NOT UCNI

The weekly DOP Minutes, along with the transmittal memorandum, for May 22, 2002, are Unclassified/Not UCNI.

Betty Hoffman

-----Original Message-----

**From:** Arnold, Pam  
**Sent:** Thursday, May 30, 2002 6:28 AM  
**To:** Nesheim, Janet; Green, Ken; Hoffman, Betty  
**Subject:** WEEKLY DOP MINUTES - reviewed as unclassified and NOT UCNI

Attached is the weekly DOP minutes along with the transmittal memorandum for May 22, 2002. Both documents have been reviewed by Jim Floerke, who has signed on the cover page of the transmittal memorandum, that they are unclassified and NOT UCNI.

Your return E-mail indicating approval will accompany the minutes to the Administrative Record for access by the public.

Pam

<< File: WEEKLY STATUS SUMMARY.doc >> << File: TRANS MINUTES  
REGULAR.doc >>

**B371 CLOSURE PROJECT**  
**WEEKLY STATUS MEETING** [Every Wednesday, 9:30 a.m. B371 Conference Room]  
**May 22, 2002**  
**AGENDA**

**INTRODUCTION** – Pam Arnold, X6035, Pager 303-212-4835

**D&D** – Jim Floerke, X2850, (212-3292) & Mike McGrory, X5100, (212-2146)

- Sets Status
- B374
- Tanks
- Gloveboxes
- MAA/PA Closure
- Gloveboxes to Envirocare
- 3000 legacy drums
- 15 to 20 D&D Crews

**CONSTRUCTION** – Dan Coyne, X2820 (212-6200)

- Set 56 Dismantlement (B374)
- Set 21 Dismantlement (B374)
- Area AQ Demolition (B371)
- UST
- Area AM Dismantlement (attic reagent tanks)
- 6 new trailers
- GB to size reduce 125 items
- Install TGA (PuSPS)
- General area clean-out

**FACILITY** - Mike McGrory, X5100, (212-2146)

- Building ventilation system
- Convert back area to all CA
- New D-BIO
- B374 Criticality Credible
- D&D training in block style
- Waste Chemicals
- Steam to Electric heating

**PuSPS** – Pam Arnold, X6035, (212-4835)

**AUTHORIZATION BASIS/BIO** – Kay Kunert X2728, (212-4205)

**ENVIRONMENTAL & ACTION ITEMS**– Pam Arnold, X6035, (212-4835)

FROM LAST MEETING:

- None

FOR NEXT MEETING:

**D&D Summary (AAC/AAD)**  
**Week Ending 5/17/02**

<b>D&amp;D</b>
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**Set 6**

- Continuing to develop Set 6 strategy. (1AQ31DR02B)
- Developing work packages to begin draining in Room 3563. Scanning of rooms nearly complete.

**Set 7 Dismantlement (1AD107BD00)**

- Electrical dismantlement (Room 3305) is complete.
- Ancillary equipment mechanical isolation (Room 3305) is 86% complete.
- GB 75 removal is 100% complete.
- Working GB 38 internal equipment removal. Completed draining waterwalls Glovebox 37 and Glovebox 38. Internal equipment removal in GB 37 is 100% complete. Removed lead in GB 37E & GB 37F. Working internal decontamination in preparation of GB 37 removal.
- Crated gloveboxes will not be dispositioned at this time. Have relocated the boxes to Room 3420.

**Set 9 (CSV) and Set 12 (Glovebox Removal)**

- I/O 8 Mods (1AC109HD00):
  - I/O 8 modification package planning completed. Section 8 pre-requisites ongoing.
  - I/O 8 drain line installation package – Final piping tie-in to receiver tanks pending.
  - Sprinkler (5) Removal Package is in planning development, awaiting ECR and Nuclear Safety Screen.
  - Jib Crane/Hoist Installation Package in final review signatures and Nuclear Safety Screen. Work package expected due into ISRC by 5/31.
  - Efforts to de-inert the CSV by the end of the quarter are ongoing. Currently addressing disposition of HSP 31.11 Standards and PuSPS material. Coordinating with Site Utilities group to prepare for the associated impacts to the B-223 Nitrogen Plant during the de-inert process.
- Glovebox Removal (1AD112BD01):
  - Glovebox 70-A (material introduction box) purchase requisition and installation undergoing Davis-Bacon Work Assignment Review. Final Davis-Bacon Work Review to be finalized on 5/21. Planning activities commencing 5/21.

**Set 14 Dismantlement (1AD114BD00)**

- Electrical isolation is 87% complete.
- Draining of waterwalls, port covers and windows is complete.
- Mechanical isolation package is 44% complete.
- Removal of glovebox contents is nearly complete in GB12 (2 large pieces remain). Working GB10.
- Alarm deactivation is complete.

- Package for cold glovebox / cold tank went to KH Construction. IWCP package approved and pre-reqs are complete (electrical to complete week of 5/27).

#### **B374**

- 231 sludge removal – Pumping sludge in progress.
- Tank Sludge Removal – Clean Horizons provided an estimate for performing a treatability study, and it is currently being reviewed by the project team.

#### **Tanks**

- Set 13 (2307) Tank 922A and Tank 922B ring removal is complete. Tank 292B (2317) ring removal to begin 5/21. Completed 2317 and working 2319 mechanical line isolations. Set 13 cerium decon and D&D ready packages for 2307 and 2317 are ready-to-work.
- Set 15 (2223) electrical isolation package is complete. Mechanical isolation package ready to work. Ring Removal package in pre-reqs. (1AC115AT00)

#### **Gloveboxes**

- Planning GB deactivation as contingent work for the Waste Team.
- Initiated Glovebox clean-out and glovebox glove changes for Set 12. (1AC112EG00)

#### **MAA/PA Closure (1AC11PNN20)**

- Comments from DOE Safeguards and Security have been incorporated into the Closure Plan.
- Equipment not being utilized for processing and available for holdup measurement scans has been identified. The equipment will be scanned as resources are available.
- The plan for reducing the MAA to an area encompassing the PuSPS processing room and storage vault is being developed.
- Conducting walkdowns and inspections to identify and disposition classified matter prior to the final verification.

#### **Obtain approval to send gloveboxes to Envirocare with all lead remaining**

- Envirocare representatives on site this week, technical discussions in process.

#### **Repackage/disposition the remaining 3000 legacy drums.**

- Starting inventory (May 3, 2002) = 2,943
- May 17, 2002 inventory = 2,838

#### **Establish 15 to 20 D&D crews who will work simultaneously on Sets – in the next 3 months.**

- Evaluating sequencing options of Sets
- Aligning crews loads and assignment areas

## **CONSTRUCTION**

### **Set 56 Dismantlement (1AD456BD00)**

- Mechanical SWP is complete.
- Electricians to do non-intrusive walkdowns will be available after Area AQ isolations. Job is holding, pending availability of electrical crew resources.

### **Set 21 Dismantlement (1AD421BD00)**

- Will complete brine water lines the week of 5/27. This will complete Phase I of Set 21 Dismantlement.

### **Area AQ Demolition - B381 and UST (1AD1AQGX20):**

- B381
  - Electrical isolation complete. Mechanical isolation continues, and 2 of 3 excavations are complete (must wait until helium tanker is moved for 1 remaining excavation).
  - KH Construction to start building scaffolding for asbestos removal the week of 5/27. Lessons learned from B886 necessitate applying for a demolition permit after asbestos is remediated.

### **UST**

- Mechanical engineering package for demolition of the UGST is signed off. Electrical isolations and electrical demo are complete. Will start mechanical and piping stripout when craft personnel are available.

### **Area AM Dismantlement [Rooms 4101, 4102, 4103 and 4104] (1AD1AMBX00)**

- IWCP for the Electrical Isolations is with KH Construction. Intrusive walkdowns are 95% complete (5/23 projected completion). Engineering is revising Appendix 7 which identifies electrical components.
- Operations completed neutralizing tanks in Room 4104.
- Removal of nitrogen line completed. Completed plant air. Working process water lines (completed drops in 4101, working drops in 4104, working header in 4101).

### **Install 6 trailers for workers within the next 2 – 3 months.**

- Trailers have been ordered; began engineering for installation and power

### **Install Glovebox with sheer by June 15 to size reduce 125 items**

- Will use GB's 39 and 40, room 3206 that is already fitted with a press; items will be compressed in order to fit into the shipping container.

### **Install TGA that measures moisture in PuSPS – by July 15**

- Engineering has begun to lay out the ventilation for glovebox.

### **Clean out all cold shops and office areas.**

- Began removing furniture, combustibles and other loose items in shops and B374 office areas.

## **FACILITY**

### **Upgrade building ventilation system.**

- Began Engineering to upgrade building ventilation.

### **Convert back areas of Building 371/4 to CA and connect 371 and 374.**

- Held planning meetings. Moved the HISS to the back area in 371. Initiated Engineering packages to install doors and set up the new step-off pad into room 3420.

### **Implement a new D-BIO that is more appropriate for D&D activities in the Project**

- The D-BIO is drafted and currently being reviewed for comments and resolution. Plan submittal to DOE by 5/31.

### **Make changes to Criticality Safety (B374 Criticality Credible)**

- Revising the Criticality Safety Evaluation to make 374 criticality credible. Implementation date is scheduled for 6/20/02.

### **Perform D&D training once annually in a block to minimize work delay**

- The first block training for 371/4 personnel will be performed in October; currently establishing schedule and training classes needed. Scheduling training for personnel now to establish a baseline.

### **Remove all waste chemicals from Project**

- Re-evaluating inventory to determine accelerated disposition alternatives.

### **Convert building from steam heating to electrical heating within the next year.**

- Began Engineering to convert building from steam to electricity.

## **PuSPS**

There are a total of 703 good cans that are in final review. Of those:

- 640 have data packages and are ready to ship. Of those:
  - 156 are packaged in off-Site shipping containers (9975's) and ready to ship

Note that 75 - 9975 containers equal one shipment.

The total population is approximately 2100 cans; a third are packaged.

**ENVIRONMENTAL STATUS**  
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
3517	3		Tanks: D132A/B/C		
3517	3		Tanks: D64, D65		
3517	3		Nitric Acid Recirc pump 31-11, P28A	IE: 0049	
3517	3		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	
3517	3		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	
3517	3		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	
3517	3		Nitric Acid pump 31-15, P63	IE: 054	
3517	3		Pumps P-28A/B, P-29A/B	IE: 0107	
3517	3		Pumps P-33A/B, P-34A/B	IE: 0109	
3571	4		Tanks: D133, D150, D151, D152A/B Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62	MRT	Raschig Rings removed from Tanks D152A and D152B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
3571	4		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	
3571	4		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	
3571	4		Pumps 33 A/B, 34A/B	IE: 0109	
3573	5		Tanks: D134A/B/C, D135A/B, D289A/B, D289C.	MRT	Raschig Rings removed from all Tanks. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
3303	7		Mixed Residue Tank - Ancillary Equipment only	MRT	
3305	7		Container Storage - Room	371.1A	The container storage refers to 3 crated gloveboxes only. The first crated glovebox, X16534, has been removed and temporarily stored in room 3408 awaiting a cargo.
3305	7		Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	



**ENVIRONMENTAL STATUS**  
**REGULATED ITEMS**

Location	SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
3305	7	Mixed Residue Tank - Ancillary Equipment only	MRT	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
3305	7	Mixed Residue Piping in room 3305	MRT	
3305	7	Container Storage - Glovebox 37C	90.104	
3315	7	Container Storage - Room	371.1A	
1101	12	Vault Container Storage	371.1C	
1103	12	CWTS: GB 2402, 2403	371.3A	
1103	12	CWTS: Tanks 2401A/B/C/D, 2402A/B, and 2403	371.3A	
1103	12	Container Storage - Room	371.1A	
1105	12	CWTS: GB 401	371.3A	
1105	12	Tanks: Utility Scrubbers D131A/B		
1107	12	Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	
1109	12	Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	
1111	12	Container Storage - Room	90.14	Not currently in Permit - to be closed
1113	12	Master process control and alarm panel	N/A	
1115	12	CWTS: GB 18, 23, 2404	371.3A	
1115	12	Container Storage - Room	90.19	Not currently in Permit - to be closed
1115	12	Tanks: D-160A/B/D-400A/B/D, D-179	MRT	
1115	12	Pumps P-140, P-141A, P-141B	IE: 0013	
1117	12	Tanks D-2A/B, D-157A/B, D-238A/B, D240A/B, D170, D171	MRT	
1117	12	Wash Liquid Pump 31-17, P-182	IE: 0008	
1117	12	HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	
1117	12	HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	

**ENVIRONMENTAL STATUS  
REGULATED ITEMS**

Location	SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
1117	12	HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	
1117	12	HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	
1117	12	Pumps P-181 and P-182	IE: 0014	
1125	12	Pumps P-5A/B, P-6A/B, P-7A/B, P-15A/B, P-27A/B, P-107A/B, JP-108A/B	IE: 0015	
1127	12	Tanks: D-293A/B	MRT	Need to remove RRs and evaluate for Idle Equipment
2307	13	Pumps P-21A, P-914	IE: 0117	
2317	13	Tank D-292A/B	MRT	
2317	13	Tank D933		Evaluate for Idle Equipment
2317	13	Pumps P-85A/B/C; P-27A, B, C	IE: 0119	
2317	13		None	Raschig Rings removed from all Tanks. No visible sludge or rings remain. They will be dispositioned as non-regulated, non-hazardous.
2317	13	Tanks D922A/B		Evaluating for Idle Equipment and inspection frequency.
2325	14	Tanks D67, D277A/B, D912, D914, D916, D922 A/B		
2325	14	Container Storage - Room	371.1A	
2325	14	GB 7 & 9	53	Old cementation process - RCRA unit
2325	14		MRT	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
3511	16	Mixed Residue Piping in room 2325		
3521	16	Container Storage - Room	90.71	
3523	16	Tank D-70	IE: 0055	Tank not listed in Table 3, DOP Set Descriptions
3523	16	Tanks T-23A/B/C/D	IE: 0104	
3523	16	Tanks: T-11 A/B/C/D, T-12 A/B/C/D, T13 A/B/C/D		Evaluating for Idle Equipment and inspection frequency.
3801	18	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A/B	374.3	Tank D816 has been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
3805	18	Tanks: D942	374.3	
2804	19	Tanks: D801A/B/C, D802A/B/C, D804A/B/C/D, D811 A/B, D824A/B, D843, D852, D875, D847, D851	374.3	Tank D843 has been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.

**ENVIRONMENTAL STATUS**  
**REGULATED ITEMS**

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
3801	21		Tank: D826C	374.3	
3809	21		Tanks: D883A/B	374.3	Tanks D883A/B have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
3810	21		Tank: D878	374.3	
4802	21		Spray Dryer Baghouse FL803	374.3	
4812	21		Spray Chamber W803	374.3	
3408	24		GB Storage - GB's 72B/C	371.1B	GB's 72B and 72C have been closed by "Unit Reoval in Conjunction with 'Debris Rule' Treatment".
3408	24		Mixed Residue Tank - Ancillary Equipment only	MRT	
3801	56		Tanks: D806, D807A/B, D808, D812, D813, D814, D815, Polishing Filter FL831	374.3	Tanks D806, D807A/B, D808, D813, D814, and D815, have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
3810	57		Tank: D827	374.3	
4814	57		Tanks: D830, D832, D834, D876, D879	374.3	Tanks D832, D834, and D876 have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
Outside	57		T802, T803, T804, T805	374.3	Tanks T802, T803, T804, and T805 have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
4805	58		Tanks: D825A/B, D848	374.3	Tanks: 825A/B, D848 have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
4807	58		Tanks: D844A/B	374.3	Tanks: D844A/B have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
3803/4805	58		Sludge Dryer W801, dry Sludge Hoper: H3	374.3	
3803/4805	58		FL802A/B, H3, CV813A/B,	374.3	
3301		AJ	Container Storage - Room	371.1A	
3315		AJ	GB Storage - GB#32	371.1B	

**ENVIRONMENTAL STATUS**

**REGULATED ITEMS**

Location	SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
4101	AM	Tanks: D2860, D206, D208, D211, D212, D213, D214, D216, D217, D251, D841, D837A/B, D383A/B, D849A/B, D839A/B, D840A/B, D850		Evaluating for Idle Equipment and inspection frequency.
4103	AM	Tanks: D200, D241, D242, D243		Evaluating for Idle Equipment and inspection frequency.
4103	AM	Electric Motor/Pump		Evaluating for Idle Equipment and inspection frequency.
4104	AM	Tank D250	IE: 371-01	Contains approximately 200 gallons of HNO <sub>3</sub> 7.5 N + 1% H <sub>2</sub> SO <sub>4</sub> . Greater than 2% of volume; remaining liquid is RCRA waste.
4104	AM	Tank D254A	IE: 371-02	Contents neutralized and drained
4104	AM	Tank D205	IE: 371-03	Contents neutralized and drained

# **Basis for Interim Operations (BIO)**

**Week Ending 05-17-02**

## **PuSPS**

- Install TGA/IR in Room 3701
  - To DOE Thursday, April 25, 2002

## **Operations**

- Page change to incorporate all JCOs
  - Implementation complete.
- Residue Product Carts
  - Approval on hold
- Page change for combustible loading and oil storage outside flammable liquid cabinets
  - Being developed

## **DBIO Development**

- Building 371/374 DBIO
  - Draft for review 5-20-02
  - To DOE for review 5-31-02
  - DOE approval requested by 6-17-02

## **D&D Support**

- JCO for transferring large/long items through airlocks
  - To allow removing gloveboxes etc. to cargo carriers
- Out-of-commission - USQDs for placing dismantlement sets out-of-commission:

Set	Date Completed	Date to DOE	Response Due	Response/ Approval
<b>Pending</b>				
Bldg. 374 Process Steam	5-20-02			
58				
21, Ph. II				
3, 4, 5, 6, 16, & 17				
12				
<b>Complete</b>				
24	9-27-01	10-1-01	10-8-01	10-1-01
7	10-24-01	10-30-01	11-6-01	11-6-01
14	11-13-01	11-28-01	12-5-01	12-05-01
13	12-13-01	12-18-01	12-25-01	1-30-02
21, Ph. I	12-11-01	1-15-02	1-22-02	1-29-02
12, Ph. I	1-2-02	1-15-02	1-22-02	1-29-02
15	1-9-02	1-24-02	1-31-02	N/A
15 (USQD Rev 1)	2-19-02	2-26-02	3-05-02	3-19-02
AM, Ph. I	2-27-02	3-11-20	3-18-02	3-18-02
Process Vent, Sets 12/13	3-13-02	4-11-02	5-02-02*	5-01-02
Caustic transfer line	4-01-02	4-15-02	4-30-02*	5-01-02
56	4-3-02	4-15-02	5-2-02	Revision requested
PWTS	Cancelled			

13/13